

Recombinant Matrix Metalloproteinase 19 (MMP19) Instruction Manual

SIPB565Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted, Extracellular matrix
Predicted Molecular Mass	50.2kDa
Accurate Molecular Mass	50kDa(Analysis of differences refer to the manual)
Residues & Tags	Tyr98~Tyr508 with N-terminal His Tag
Buffer Formulation	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	8.3
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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YLL  
LGRWRKKHLT FRILNLPSTL PPHTARAALR QAFQDWSNVA PLTFQEVQAG  
AADIRLSFHG RQSSYCSNTF DGPGRVLAHA DIPELGSVHF DEDEFWTEGT  
YRGVNLRIIA AHEVGHALGL GHSRYSQALM APVYEGYRPH FKLHPDDVAG  
IQALYGKKSP VIRDEEEEEET ELPTVPPVPT EPSPMPDPCS SELDAMMLGP  
RGKTYAFKGD YVMTVSDSGP GPLFRVSALW EGLPGNLDAV VYSPRTQWIH  
FFKGDKVMRY INFKMSPGFP KKLNRVEPNL DAALYWPLNQ KVFLFKGSGY  
WQWDELARTD FSSYPKPIKG LFTGVPNQPS AAMSWQDGRV YFFKGGKVVWR  
LNQQLRVEKG YPRNISHNWM HCRPRTIDTT PSGGNTTPSG TGITLDTTLS  
ATETTFEY
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USAGE

Reconstitute in ddH₂O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

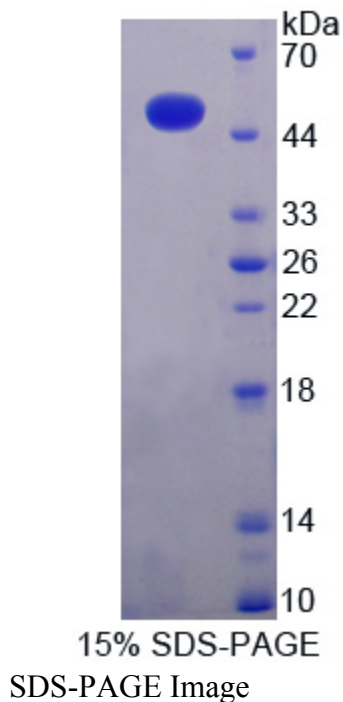
STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Image



[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.